
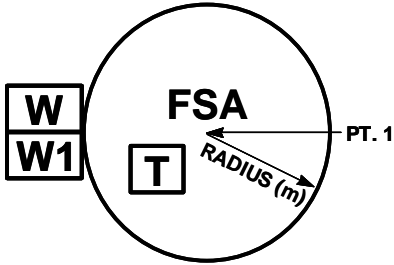
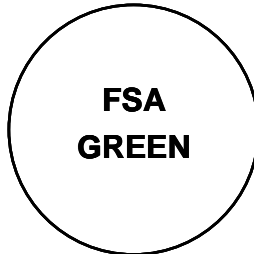


**DEFENSE INFORMATION SYSTEMS AGENCY**  
Interoperability Directorate, 5600 Columbia Pike, Falls Church, VA 22041-2717  
**SYMBOLGY STANDARDS MANAGEMENT COMMITTEE DIRECTIVE**

<b>SSMC NO: 2-03</b>		<b>Date: July 24, 2003</b>																																									
<b>CP No: MIL00-41A</b>		<b>Title: Circular Fire Support Area</b>																																									
<b>Originator, Name and Address:</b>  PM FATDS																																											
<b>SSMC Action:</b> <input checked="" type="checkbox"/> <b>Approved</b> <input type="checkbox"/> <b>Approved with Changes</b> <input type="checkbox"/> <b>Withdrawn</b> <input type="checkbox"/> <b>Deferred</b> <input type="checkbox"/> <b>Declared Substantive</b> <b>By:</b> <input type="checkbox"/> <b>Disapproved</b> <input type="checkbox"/> <b>Testing Required</b> <input type="checkbox"/> <b>Prior to Decision</b> <input type="checkbox"/> <b>Subsequent to Decision</b> <input type="checkbox"/> <b>Allied Coordination Required</b>  <b>Votes Cast/Proposed Change</b> <table style="width: 100%; border-collapse: collapse;"><thead><tr><th style="text-align: left;">Approve</th><th style="text-align: left;">Disapprove</th><th style="text-align: left;">Abstain</th><th style="text-align: left;">N/A</th><th></th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>USA</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>USN</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>USMC</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>USAF</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>NIMA</td></tr><tr><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>DIA</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>DISA</td></tr></tbody></table>		Approve	Disapprove	Abstain	N/A		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	USA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	USN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	USMC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	USAF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NIMA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DIA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DISA	<b>Decision:</b>  Approved as submitted.	
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		<b>Chairperson</b> <div style="text-align: center;"> (Signature)</div>																																									

SYMBOLY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
CHANGE PROPOSAL NUMBER		MIL00-41A	
ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
PM FATDS	ARMY	August 6, 2001	July 24, 2003
CHANGE PROPOSAL TITLE			
ADD NEW SYMBOL, FIRE SUPPORT AREA, CIRCULAR			
SUGGESTED CHANGE			
<p>The Fire Support community has a requirement to add a new symbol to MIL-STD-2525B.</p> <ol style="list-style-type: none"> <li>1. The purpose of the Fire Support Area, Circular symbol is to graphically display circular Fire Support Areas to commanders in the Common Operational Picture (COP)/Common Tactical Picture (CTP).</li> <li>2. Recommend adding to hierarchy item 2.X.4, Fire Support, under the "Areas" hierarchy, 2.X.4.3, figure B-17, and table B-IV.</li> </ol>			
OVERVIEW			
<p>Currently, the standard does not contain a symbol depicting circular Fire Support Areas. The Fire Support Area, Circular symbol is used to graphically display an appropriate maneuver area assigned to fire support ships by the naval force commander from which they can deliver gunfire support to an amphibious operation or ground force. Incorporation into MIL STD 2525B, which will be used in JMTK and GSD, will allow the symbols to be transmitted/received by all battlefield system. Fire Support Areas are a required symbol for use in the COP/CTP to be shared across the battlefield. The development of the COP/CTP is required of all component systems. Fire Support systems are the producer of circular Fire Support Areas for the COP/CTP. Fire Support systems will retain this capability for fielding throughout the Army and USMC.</p>			
OPERATIONAL DESCRIPTION			
<p>In general, the Fire Support Area, Circular is used graphically depict a maneuver area assigned to fire support ships by the naval force commander from which they can deliver gunfire support to an amphibious operation or ground forces. One (1) point location and a radius defined in meters are required to graphically display a circular Fire Support Area. The minimum information required to interoperate with another system is defined below.</p>			
IMPLEMENTATION			
<p>Description: <b>Fire Support, Areas, Command and Control Areas, Fire Support Area, Circular</b></p>			
<p>Parameters:</p> <ol style="list-style-type: none"> <li>1. Anchor Points. This graphic requires one (1) anchor point and a radius. Point 1 defines the center point of the graphic.</li> <li>2. Size/Shape. Size: The radius, defined in meters, defines the size. Shape: Circle. The information fields should be scaleable within the circle.</li> <li>3. Orientation. Not applicable.</li> </ol>			
<p>Fixed/Dynamic: Dynamic</p>			
<p>Hierarchy: 2.X.4.3.2.1.3</p>			
<p>Symbol ID: G*F*ACSC--****X</p>			

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
CHANGE PROPOSAL NUMBER		MIL00-41A	
ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
PM FATDS	ARMY	August 6, 2001	July 24, 2003
CHANGE PROPOSAL TITLE			
ADD NEW SYMBOL, FIRE SUPPORT AREA, CIRCULAR			
<u>Tactical Graphic:</u> 		<u>Example:</u> 	
JIEO ANALYSIS			
See JIEO ANALYSIS MIL00-41A.doc			
C/S/A COMMENTS			
DECISION NOTICE			
Approved at SSMC 2-03.			

## Attachment A

### Tasks:

1. Modify Figure B-17 to reflect new hierarchy structure (Figure B-17 becomes Figures B-17.1 and B-17.2) and addition of new Fire Support graphics.

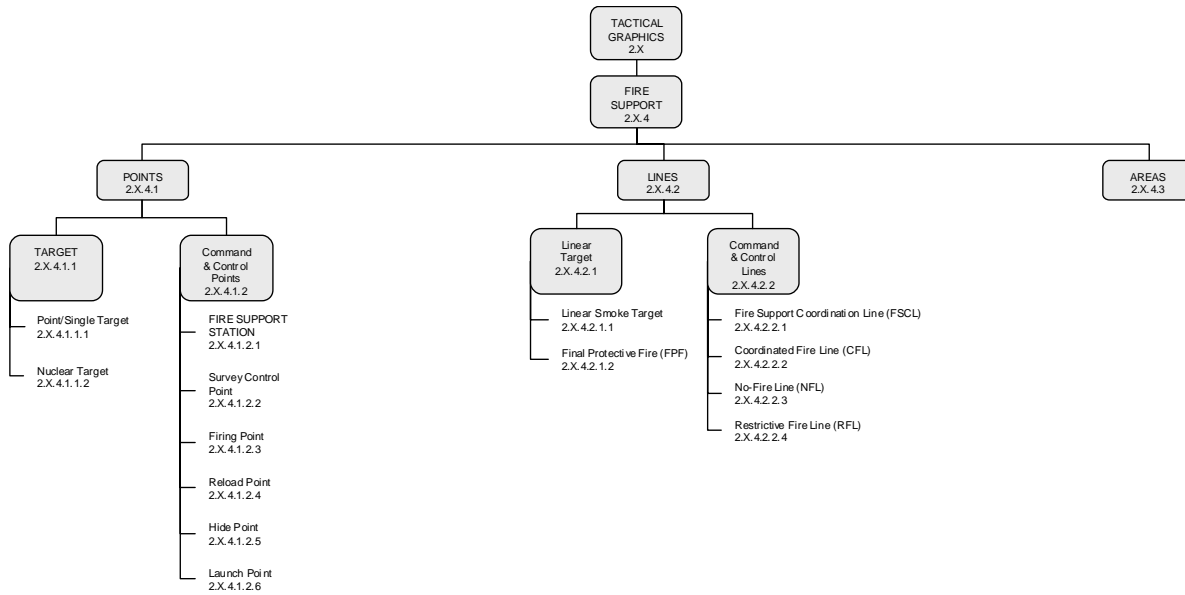


Figure B-17.1. Fire Support.

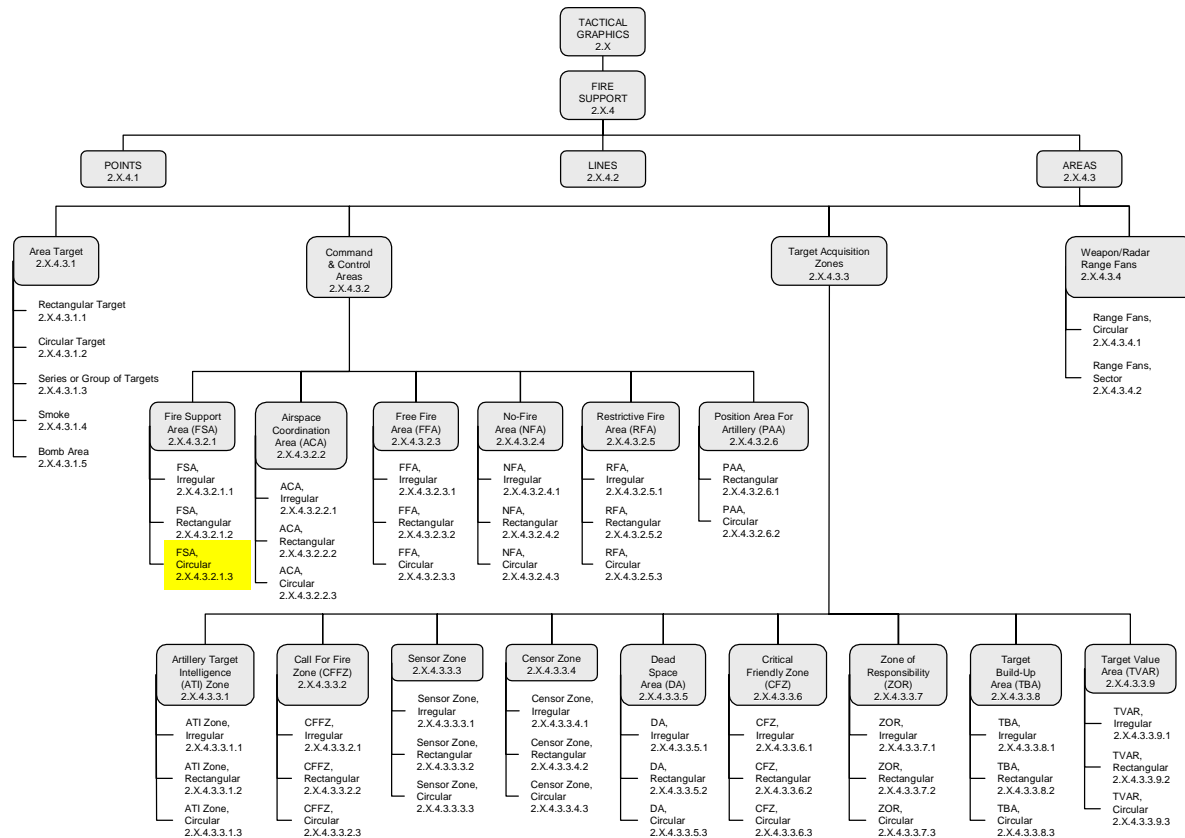


Figure B-17.2. Fire support.

# Attachment A

2. Modify Table B-III to reflect restructured hierarchy numbers, provide new symbol IDs for restructured graphics and addition of new graphics' hierarchy numbers and symbol IDs.

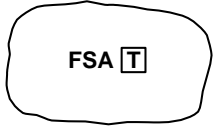

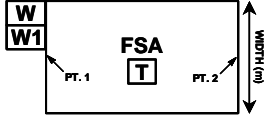

HIERARCHY	CODE SCHEME	AFFILIATION	CATEGORY	STATUS	FUNCTION ID			SIZE/MOBILITY	COUNTRY CODE	ORDER OF BATTLE	DESCRIPTION
2.X.4	G	*	F	*	--	--	--	**	**	X	FIRE SUPPORT
2.X.4.1	G	*	F	*	P-	--	--	**	**	X	POINT
2.X.4.1.1	G	*	F	*	PT	--	--	**	**	X	TARGET
2.X.4.1.1.1	G	*	F	*	PT	S-	--	**	**	X	POINT/SINGLE TARGET
2.X.4.1.1.2	G	*	F	*	PT	N-	--	**	**	X	NUCLEAR TARGET
2.X.4.1.2	G	*	F	*	PC	--	--	**	**	X	COMMAND AND CONTROL
2.X.4.1.2.1	G	*	F	*	PC	F-	--	**	**	X	FIRE SUPPORT STATION
2.X.4.1.2.2	G	*	F	*	PC	S-	--	**	**	X	SURVEY CONTROL POINT (SCP)
2.X.4.1.2.3	G	*	F	*	PC	B-	--	**	**	X	FIRING POINT
2.X.4.1.2.4	G	*	F	*	PC	R-	--	**	**	X	RELOAD POINT
2.X.4.1.2.5	G	*	F	*	PC	H-	--	**	**	X	HIDE POINT
2.X.4.1.2.6	G	*	F	*	PC	L-	--	**	**	X	LAUNCH POINT
2.X.4.2	G	*	F	*	L-	--	--	**	**	X	LINES
2.X.4.2.1	G	*	F	*	LT	--	--	**	**	X	LINEAR TARGET
2.X.4.2.1.1	G	*	F	*	LT	S-	--	**	**	X	LINEAR SMOKE TARGET
2.X.4.2.1.2	G	*	F	*	LT	F-	--	**	**	X	FINAL PROTECTIVE FIRE (FPF)
2.X.4.2.2	G	*	F	*	LC	--	--	**	**	X	COMMAND AND CONTROL
2.X.4.2.2.1	G	*	F	*	LC	F-	--	**	**	X	FIRE SUPPORT COORDINATION LINE (FSCL)
2.X.4.2.2.2	G	*	F	*	LC	C-	--	**	**	X	COORDINATED FIRE LINE (CFL)
2.X.4.2.2.3	G	*	F	*	LC	N-	--	**	**	X	NO-FIRE LINE (NFL)
2.X.4.2.2.4	G	*	F	*	LC	R-	--	**	**	X	RESTRICTIVE FIRE LINE (RFL)
2.X.4.3	G	*	F	*	A-	--	--	**	**	X	AREAS
2.X.4.3.1	G	*	F	*	AT	--	--	**	**	X	AREA TARGET
2.X.4.3.1.1	G	*	F	*	AT	C-	--	**	**	X	CIRCULAR TARGET
2.X.4.3.1.2	G	*	F	*	AT	R-	--	**	**	X	RECTANGULAR TARGET
2.X.4.3.1.3	G	*	F	*	AT	G-	--	**	**	X	SERIES OR GROUP OF TARGETS
2.X.4.3.1.4	G	*	F	*	AT	S-	--	**	**	X	SMOKE
2.X.4.3.1.5	G	*	F	*	AT	B-	--	**	**	X	BOMB AREA
2.X.4.3.2	G	*	F	*	AC	--	--	**	**	X	COMMAND AND CONTROL
2.X.4.3.2.1	G	*	F	*	AC	S-	--	**	**	X	FIRE SUPPORT AREA (FSA)
2.X.4.3.2.1.1	G	*	F	*	AC	SI	--	**	**	X	FIRE SUPPORT AREA (FSA), IRREGULAR
2.X.4.3.2.1.2	G	*	F	*	AC	SR	--	**	**	X	FIRE SUPPORT AREA (FSA), RECTANGULAR
2.X.4.3.2.1.3	G	*	F	*	AC	SC	--	**	**	X	FIRE SUPPORT AREA (FSA), CIRCULAR
2.X.4.3.2.2	G	*	F	*	AC	A-	--	**	**	X	AIRSPACE COORDINATION AREA (ACA)
2.X.4.3.2.2.1	G	*	F	*	AC	AI	--	**	**	X	AIRSPACE COORDINATION AREA (ACA), IRREGULAR
2.X.4.3.2.2.2	G	*	F	*	AC	AR	--	**	**	X	AIRSPACE COORDINATION AREA (ACA), RECTANGULAR
2.X.4.3.2.2.3	G	*	F	*	AC	AC	--	**	**	X	AIRSPACE COORDINATION AREA (ACA), CIRCULAR
2.X.4.3.2.3	G	*	F	*	AC	F-	--	**	**	X	FREE FIRE AREA (FFA)
2.X.4.3.2.3.1	G	*	F	*	AC	FI	--	**	**	X	FREE FIRE AREA (FFA), IRREGULAR
2.X.4.3.2.3.2	G	*	F	*	AC	FR	--	**	**	X	FREE FIRE AREA (FFA), RECTANGULAR
2.X.4.3.2.3.3	G	*	F	*	AC	FC	--	**	**	X	FREE FIRE AREA (FFA), CIRCULAR
2.X.4.3.2.4	G	*	F	*	AC	N-	--	**	**	X	NO-FIRE AREA (NFA)
2.X.4.3.2.4.1	G	*	F	*	AC	NI	--	**	**	X	NO-FIRE AREA (NFA), IRREGULAR
2.X.4.3.2.4.2	G	*	F	*	AC	NR	--	**	**	X	NO-FIRE AREA (NFA), RECTANGULAR
2.X.4.3.2.4.3	G	*	F	*	AC	NC	--	**	**	X	NO-FIRE AREA (NFA), CIRCULAR

## Attachment A

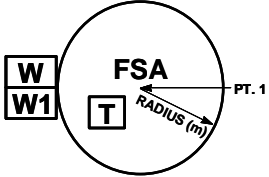
HIERARCHY	CODE SCHEME	AFFILIATION	CATEGORY	STATUS	FUNCTION ID	SIZE/MOBILITY	COUNTRY CODE	ORDER OF BATTLE	DESCRIPTION
2.X.4.3.2.5	G	*	F	*	AC R- --	**	**	X	RESTRICTIVE FIRE AREA (RFA)
2.X.4.3.2.5.1	G	*	F	*	AC RI --	**	**	X	RESTRICTIVE FIRE AREA (RFA), IRREGULAR
2.X.4.3.2.5.2	G	*	F	*	AC RR --	**	**	X	RESTRICTIVE FIRE AREA (RFA), RECTANGULAR
2.X.4.3.2.5.3	G	*	F	*	AC RC --	**	**	X	RESTRICTIVE FIRE AREA (RFA), CIRCULAR
2.X.4.3.2.6	G	*	F	*	AC P- --	**	**	X	POSITION AREA FOR ARTILLERY (PAA)
2.X.4.3.2.6.1	G	*	F	*	AC PI --	**	**	X	POSITION AREA FOR ARTILLERY (PAA), IRREGULAR
2.X.4.3.2.6.2	G	*	F	*	AC PC --	**	**	X	POSITION AREA FOR ARTILLERY (PAA), CIRCULAR
2.X.4.3.3	G	*	F	*	AZ -- --	**	**	X	TARGET ACQUISITION ZONES
2.X.4.3.3.1	G	*	F	*	AZ I- --	**	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE
2.X.4.3.3.1.1	G	*	F	*	AZ II --	**	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE, IRREGULAR
2.X.4.3.3.1.2	G	*	F	*	AZ IR --	**	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE, RECTANGULAR
2.X.4.3.3.1.3	G	*	F	*	AZ IC --	**	**	X	ARTILLERY TARGET INTELLIGENCE (ATI) ZONE, CIRCULAR
2.X.4.3.3.2	G	*	F	*	AZ X- --	**	**	X	CALL FOR FIRE ZONE (CFFZ)
2.X.4.3.3.2.1	G	*	F	*	AZ XI --	**	**	X	CALL FOR FIRE ZONE (CFFZ), IRREGULAR
2.X.4.3.3.2.2	G	*	F	*	AZ XR --	**	**	X	CALL FOR FIRE ZONE (CFFZ), RECTANGULAR
2.X.4.3.3.2.3	G	*	F	*	AZ XC --	**	**	X	CALL FOR FIRE ZONE (CFFZ), CIRCULAR
2.X.4.3.3.3	G	*	F	*	AZ S- --	**	**	X	SENSOR ZONE
2.X.4.3.3.3.1	G	*	F	*	AZ SI --	**	**	X	SENSOR ZONE, IRREGULAR
2.X.4.3.3.3.2	G	*	F	*	AZ SR --	**	**	X	SENSOR ZONE, RECTANGULAR
2.X.4.3.3.3.3	G	*	F	*	AZ SC --	**	**	X	SENSOR ZONE, CIRCULAR
2.X.4.3.3.4	G	*	F	*	AZ C- --	**	**	X	CENSOR ZONE
2.X.4.3.3.4.1	G	*	F	*	AZ CI --	**	**	X	CENSOR ZONE, IRREGULAR
2.X.4.3.3.4.2	G	*	F	*	AZ CR --	**	**	X	CENSOR ZONE, RECTANGULAR
2.X.4.3.3.4.3	G	*	F	*	AZ CC --	**	**	X	CENSOR ZONE, CIRCULAR
2.X.4.3.3.5	G	*	F	*	AZ D- --	**	**	X	DEAD SPACE AREA (DA)
2.X.4.3.3.5.1	G	*	F	*	AZ DI --	**	**	X	DEAD SPACE AREA (DA), IRREGULAR
2.X.4.3.3.5.2	G	*	F	*	AZ DR --	**	**	X	DEAD SPACE AREA (DA), RECTANGULAR
2.X.4.3.3.5.3	G	*	F	*	AZ DC --	**	**	X	DEAD SPACE AREA (DA), CIRCULAR
2.X.4.3.3.6	G	*	F	*	AZ F- --	**	**	X	CRITICAL FRIENDLY ZONE (CFZ)
2.X.4.3.3.6.1	G	*	F	*	AZ FI --	**	**	X	CRITICAL FRIENDLY ZONE (CFZ), IRREGULAR
2.X.4.3.3.6.2	G	*	F	*	AZ FR --	**	**	X	CRITICAL FRIENDLY ZONE (CFZ), RECTANGULAR
2.X.4.3.3.6.3	G	*	F	*	AZ FC --	**	**	X	CRITICAL FRIENDLY ZONE (CFZ), CIRCULAR
2.X.4.3.3.7	G	*	F	*	AZ Z- --	**	**	X	ZONE OF RESPONSIBILITY (ZOR)
2.X.4.3.3.7.1	G	*	F	*	AZ ZI --	**	**	X	ZONE OF RESPONSIBILITY (ZOR), IRREGULAR
2.X.4.3.3.7.2	G	*	F	*	AZ ZR --	**	**	X	ZONE OF RESPONSIBILITY (ZOR), RECTANGULAR
2.X.4.3.3.7.3	G	*	F	*	AZ ZC --	**	**	X	ZONE OF RESPONSIBILITY (ZOR), CIRCULAR
2.X.4.3.3.8	G	*	F	*	AZ B- --	**	**	X	TARGET BUILD-UP AREA (TBA)
2.X.4.3.3.8.1	G	*	F	*	AZ BI --	**	**	X	TARGET BUILD-UP AREA (TBA), IRREGULAR
2.X.4.3.3.8.2	G	*	F	*	AZ BR --	**	**	X	TARGET BUILD-UP AREA (TBA), RECTANGULAR
2.X.4.3.3.8.3	G	*	F	*	AZ BC --	**	**	X	TARGET BUILD-UP AREA (TBA), CIRCULAR
2.X.4.3.3.9	G	*	F	*	AZ V- --	**	**	X	TARGET VALUE AREA (TVAR)
2.X.4.3.3.9.1	G	*	F	*	AZ VI --	**	**	X	TARGET VALUE AREA (TVAR), IRREGULAR
2.X.4.3.3.9.2	G	*	F	*	AZ VR --	**	**	X	TARGET VALUE AREA (TVAR), RECTANGULAR
2.X.4.3.3.9.3	G	*	F	*	AZ VC --	**	**	X	TARGET VALUE AREA (TVAR), CIRCULAR
2.X.4.3.4	G	*	F	*	AX -- --	**	**	X	WEAPON/RADAR RANGE FAN
2.X.4.3.4.1	G	*	F	*	AX C- --	**	**	X	WEAPON/RADAR RANGE FAN, CIRCULAR
2.X.4.3.4.2	G	*	F	*	AX S- --	**	**	X	WEAPON/RADAR RANGE FAN, SECTOR

## Attachment A

3. Modify and amend Table B-IV as needed to agree with Figure B-17.1, B-17.2 and Table B-III as shown above.

DESCRIPTION	STATIC/ DYNAMIC	HIERARCHY	TACTICAL GRAPHIC
		SYM-ID	
FIRE SUPPORT AREAS COMMAND AND CONTROL FIRE SUPPORT AREA (FSA)	N/A	2.X.4.3.2.1	
FIRE SUPPORT AREAS COMMAND AND CONTROL FIRE SUPPORT AREA (FSA) IRREGULAR  <u>Parameters</u>  1. Anchor points. This graphic requires at least three anchor points to define the boundary of the area. Add as many points as necessary to accurately reflect the area's size and shape.  2. Size/Shape. Determined by the anchor points. The information field should be moveable within the area.  3. Orientation. Not applicable.	D	2.X.4.3.2.1.1	
		G*FPACSI-- ****X	
		Example	
FIRE SUPPORT AREAS COMMAND AND CONTROL FIRE SUPPORT AREA (FSA) RECTANGULAR  <u>Parameters</u>  1. Anchor Points. This graphic requires two anchor points and a width, defined in meters, to define the boundary of the area. Points 1 and 2 will be located in the center of two opposing sides of the rectangle.  2. Size/Shape. Size: As determined by the anchor points. The anchor points determine the length of the rectangle. The width, defined in meters, will determine the width of the rectangle. Shape: Rectangle. The information fields should be moveable and scaleable.  3. Orientation. As determined by the anchor points.	D	2.X.4.3.2.1.2	
		G*FPACSR-- ****X	
		Example	

# Attachment A

DESCRIPTION	STATIC/ DYNAMIC	HIERARCHY	TACTICAL GRAPHIC
		SYM-ID	
<b>FIRE SUPPORT AREAS</b> <b>COMMAND AND CONTROL</b> <b>FIRE SUPPORT AREA (FSA)</b> <b>CIRCULAR</b>  <u>Parameters</u>  1. Anchor Points. This graphic requires one (1) anchor point and a radius. Point 1 defines the center point of the graphic.  2. Size/Shape. Size: The radius, defined in meters, defines the size. Shape: Circle. The information fields should be scaleable within the circle.  3. Orientation. Not applicable.	D	2.X.4.3.2.1.3	
		G*FPACSC-- ***X	
		Example	